

# Mohanan Pezholil

## List of Publications by Year in descending order

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87888

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219  
docs citations

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times ranked

3010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coplanar Waveguide-fed Electrically Small via-less Antenna for Dual Band Applications. IETE Journal of Research, 2023, 69, 4442-4450.	2.6	0
2	Asymmetric coplanar strip based stepped monopole sensor for liquid permittivity measurements. Engineering Science and Technology, an International Journal, 2022, 32, 101063.	3.2	4
3	Compact microwave sensor for monitoring aging of oil and fuel adulteration. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	4
4	Characteristic Mode Analysis of SIR Coupled Dual Band Dipole Antenna. , 2022, , .		0
5	Non-invasive Measurement of Complex permittivity using a Compact Planar Microwave Sensor. , 2022, , .		0
6	Low $\epsilon^r$ Mg <sub>2</sub> SiO <sub>4</sub> ceramic tapes and their role as screen printed microstrip patch antenna substrates. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 264, 114947.	3.5	18
7	DESIGN AND DEVELOPMENT OF RADIO WAVE ABSORBER USING ECO-FRIENDLY MATERIALS. Progress in Electromagnetics Research M, 2021, 101, 161-172.	0.9	0
8	Characteristic mode analysis of harmonic suppressed stepped impedance strip dipole antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22561.	1.2	3
9	Liquid Permittivity Sensing Using Planar Open Stub Resonator. Journal of Electronic Materials, 2020, 49, 2110-2117.	2.2	5
10	Frequency reconfigurable stepped impedance dipole antenna for wireless applications. AEU - International Journal of Electronics and Communications, 2020, 115, 153029.	2.9	8
11	Coplanar waveguide fed compact dual-band antenna with capacitive shorting between signal strip and ground plane. AEU - International Journal of Electronics and Communications, 2020, 127, 153448.	2.9	1
12	A simple electrically small microwave sensor based on complementary asymmetric single split resonator for dielectric characterization of solids and liquids. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22462.	1.2	8
13	INVESTIGATIONS ON THE RESONANT PROPERTIES OF A NEW COMPACT ASYMMETRIC SINGLE SPLIT RESONATOR FOR METAMATERIAL APPLICATIONS. Progress in Electromagnetics Research M, 2020, 98, 113-122.	0.9	1
14	COMPACT CAPACITIVE COUPLED TRIPLE BAND PLANAR INVERTED F ANTENNA. Progress in Electromagnetics Research M, 2019, 83, 121-129.	0.9	0
15	Experimental realization of electromagnetic toroidal excitation for microwave applications. SN Applied Sciences, 2019, 1, 1.	2.9	2
16	A metasurface-based evanescent amplification and propagation conversion for enhancing radiation from an electrically small radiator. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	2
17	A comparative study on electromagnetic interference shielding effectiveness of carbon nanofiber and nanofibrillated cellulose composites. Synthetic Metals, 2019, 247, 285-297.	3.9	26
18	A stealth emulsion based on natural rubber latex, core-shell ferrofluid/carbon black in the S and X bands. Nanotechnology, 2019, 30, 315703.	2.6	4

#	ARTICLE	IF	CITATIONS
19	ARTIFICIAL DIELECTRIC SUPERSTRATE LOADED ANTENNA FOR ENHANCED RADIATION PERFORMANCE. Progress in Electromagnetics Research M, 2019, 85, 185-194.	0.9	0
20	Enhanced radiation from an electrically small radiator using an array of sub-wavelength holes. Journal of Modern Optics, 2019, 66, 109-117.	1.3	2
21	A metamaterial absorber based high gain directional dipole antenna. International Journal of Microwave and Wireless Technologies, 2018, 10, 430-436.	1.9	12
22	Enhanced radiation from an electrically small antenna using sub-wavelength metal strip grating. Journal of Physics Communications, 2018, 2, 055005.	1.2	1
23	COMPACT TRIBAND DUAL F-SHAPED ANTENNA FOR DCS/WIMAX/WLAN APPLICATIONS. Progress in Electromagnetics Research Letters, 2018, 78, 97-104.	0.7	13
24	HARMONIC SUPPRESSED COMPACT STEPPED IMPEDANCE UNIPLANAR DIPOLE ANTENNA FOR WLAN APPLICATIONS. Progress in Electromagnetics Research Letters, 2018, 79, 45-50.	0.7	6
25	PRINTED CIRCULARLY POLARISED ASYMMETRIC ULTRA-WIDEBAND ANTENNA. Progress in Electromagnetics Research M, 2018, 74, 179-189.	0.9	2
26	BROADBAND VERTICAL TRANSITIONS BETWEEN DOUBLE-SIDED PARALLEL-STRIP LINE AND COPLANAR WAVEGUIDE. Progress in Electromagnetics Research Letters, 2018, 75, 119-124.	0.7	1
27	FPGA implementation of one-dimensional reduced mapped real transform-based digital beamformer. International Journal of Electronics Letters, 2017, 5, 221-232.	1.2	1
28	An experimental realization of cylindrical cloaking using dogbone metamaterials. Canadian Journal of Physics, 2017, 95, 927-932.	1.1	6
29	Technical Details of a Novel Wind Profiler Radar at 205 MHz. Journal of Atmospheric and Oceanic Technology, 2017, 34, 2659-2671.	1.3	26
30	Design and fabrication of an E-shaped wearable textile antenna on PVB-coated hydrophobic polyester fabric. Smart Materials and Structures, 2017, 26, 105011.	3.5	37
31	Grating-based Dipole Antenna Configuration for High Gain Directional Radiation characteristics. Advanced Electromagnetics, 2017, 6, 36.	1.0	0
32	CIRCULARLY POLARIZED DODECAGONAL PATCH ANTENNA WITH POLYGONAL SLOT FOR RFID APPLICATIONS. Progress in Electromagnetics Research C, 2016, 61, 9-15.	0.9	6
33	Tailoring the spectral response of a dogbone doublet metamaterial. Microwave and Optical Technology Letters, 2016, 58, 1347-1353.	1.4	5
34	Diversity-based four-port multiple input multiple output antenna loaded with interdigital structure for high isolation. IET Microwaves, Antennas and Propagation, 2016, 10, 1633-1642.	1.4	16
35	Extraordinary transmission technique for microwave antenna applications. Journal Physics D: Applied Physics, 2016, 49, 185503.	2.8	5
36	Compact dual polarised V slit, stub and slot embedded circular patch antenna for UMTS/WiMAX/WLAN applications. Electronics Letters, 2016, 52, 1425-1426.	1.0	30

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37	A novel algorithm for adaptive NLMS beamformer. International Journal of Wireless and Mobile Computing, 2016, 10, 122.	0.2	3
38	Compact cross loop resonator based chipless <scp>RFID</scp> tag with polarization insensitivity. Microwave and Optical Technology Letters, 2016, 58, 944-947.	1.4	10
39	Validation of 205ÂMHz wind profiler radar located at Cochin, India, using radiosonde wind measurements. Radio Science, 2016, 51, 106-117.	1.6	24
40	Technical Aspects of 205 MHz VHF Mini Wind Profiler Radar for Tropospheric Probing. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1027-1031.	3.1	29
41	A Four-Port MIMO Antenna Using Concentric Square-Ring Patches Loaded With CSRR for High Isolation. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1196-1199.	4.0	90
42	A Metamaterial Backed Dipole Antenna for High Gain Directional Communications. Advanced Electromagnetics, 2016, 5, 9.	1.0	0
43	An extraordinary transmission analogue for enhancing microwave antenna performance. AIP Advances, 2015, 5, 107239.	1.3	1
44	Compact planar UWB filter using cascaded resonators. International Journal of Ultra Wideband Communications and Systems, 2015, 3, 75.	0.1	0
45	CPW-fed compact UWB spiral antenna for multiband applications. International Journal of Ultra Wideband Communications and Systems, 2015, 3, 85.	0.1	1
46	A NOVEL POLARIZATION INDEPENDENT CHIPLESS RFID TAG USING MULTIPLE RESONATORS. Progress in Electromagnetics Research Letters, 2015, 55, 61-66.	0.7	8
47	METAMATERIAL INSPIRED CPW FED COMPACT LOW-PASS FILTER. Progress in Electromagnetics Research C, 2015, 57, 173-180.	0.9	3
48	ARTIFICIAL NEURAL NETWORK MODEL FOR SOIL MOISTURE ESTIMATION AT MICROWAVE FREQUENCY. Progress in Electromagnetics Research M, 2015, 43, 175-181.	0.9	2
49	CPW-FED UWB COMPACT ANTENNA FOR MULTIBAND APPLICATIONS. Progress in Electromagnetics Research C, 2015, 56, 29-38.	0.9	12
50	Dielectric, thermal and mechanical properties of zirconium silicate reinforced high density polyethylene composites for antenna applications. Physical Chemistry Chemical Physics, 2015, 17, 14943-14950.	2.8	35
51	Coplanar Waveguide Filter using Stub Resonators for Ultra Wide Band Applications. Procedia Computer Science, 2015, 46, 1230-1237.	2.0	2
52	Measurement of Soil Moisture Content at Microwave Frequencies. Procedia Computer Science, 2015, 46, 1238-1245.	2.0	18
53	Polarization independent chipless <scp>RFID</scp> tag. Microwave and Optical Technology Letters, 2015, 57, 1889-1894.	1.4	6
54	Compact Dual Band Antenna for GSM1800/1900/ UMTS/ LTE/ UWB. Procedia Computer Science, 2015, 46, 1349-1356.	2.0	2

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55	Fluorinated graphene oxide for enhanced S and X-band microwave absorption. Applied Physics Letters, 2015, 106, .	3.3	67
56	A COMPACT CAPACITIVE COUPLED DUAL-BAND PLANAR INVERTED F ANTENNA. Progress in Electromagnetics Research C, 2014, 52, 93-99.	0.9	0
57	COLLOCATED MIMO ANTENNA WITH REDUCED MUTUAL COUPLING USING SQUARE RING DGS. Progress in Electromagnetics Research C, 2014, 53, 119-125.	0.9	2
58	A FAN-SHAPED CIRCULARLY POLARIZED PATCH ANTENNA FOR UMTS BAND. Progress in Electromagnetics Research C, 2014, 52, 101-107.	0.9	5
59	ANALYSIS OF CPW-FED UWB ANTENNA FOR WIMAX AND WLAN BAND REJECTION. Progress in Electromagnetics Research C, 2014, 52, 83-92.	0.9	17
60	HIGH BIT ENCODING CHIPLESS RFID TAG USING MULTIPLE E SHAPED MICROSTRIP RESONATORS. Progress in Electromagnetics Research B, 2014, 61, 185-196.	1.0	22
61	Compact CPW fed electrically small antenna for WLAN application. Electronics Letters, 2014, 50, 62-64.	1.0	13
62	Enhanced isolation with defected ground structure in MIMO antenna. Electronics Letters, 2014, 50, 1784-1786.	1.0	79
63	An experimental verification of metamaterial coupled enhanced transmission for antenna applications. Applied Physics Letters, 2014, 104, .	3.3	11
64	A planar compact metamaterial-inspired broadband antenna. Microwave and Optical Technology Letters, 2014, 56, 610-613.	1.4	2
65	Spectral signature-encoded chipless RFID tag with planar multiresonators. Journal of Electromagnetic Waves and Applications, 2014, 28, 2266-2275.	1.6	5
66	Coplanar stripline fed compact UWB antenna. Electronics Letters, 2014, 50, 1181-1182.	1.0	30
67	A novel Sr $\text{Sr}_{3}\text{Pb}_{6}\text{Ce}_{2}\text{Ti}_{12}\text{O}_{36}$ ferroelectric thin film grown by pulsed laser ablation. Applied Physics A: Materials Science and Processing, 2014, 116, 199-206.	2.3	2
68	A compact zeroth-order directional antenna. Microwave and Optical Technology Letters, 2014, 56, 929-932.	1.4	0
69	A high gain compact coplanar stripline fed antenna for wireless applications. Microwave and Optical Technology Letters, 2014, 56, 1822-1826.	1.4	1
70	Microstrip-Fed Pattern- and Polarization- Reconfigurable Compact Truncated Monopole Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 710-713.	4.0	53
71	Complementary split ring resonator based microstrip antenna for compact wireless applications. Microwave and Optical Technology Letters, 2013, 55, 814-816.	1.4	3
72	CPW-fed Zeroth-order Resonator Antenna Using Shorted CRLH Transmission Line. Microwave and Optical Technology Letters, 2013, 55, 2844-2847.	1.4	1

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73	A microwave absorber based on strontium ferrite-carbon black-nitrile rubber for S and X-band applications. Composites Science and Technology, 2013, 82, 69-75.	7.8	107
74	A Compact Stacked Dipole Antenna With Directional Radiation Coverage for Wireless Communications. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 841-844.	4.0	11
75	Asymmetrical grounded CPW-fed antenna for WLAN applications. Microwave and Optical Technology Letters, 2013, 55, 2739-2741.	1.4	4
76	Slotline-fed ultracompact antenna for wide band applications. Microwave and Optical Technology Letters, 2013, 55, 526-529.	1.4	1
77	Microstrip fed ground modified compact antenna with reconfigurable radiation pattern for BANs. , 2012, , .		7
78	Novel chipless RF identification technology for on-touch data transfer applications. Microwave and Optical Technology Letters, 2012, 54, 2325-2327.	1.4	0
79	Design of an Edge-Coupled Dual-Ring Split-Ring Resonator. IEEE Antennas and Propagation Magazine, 2011, 53, 45-54.	1.4	20
80	Novel Low Loss, Low Permittivity Glass-Ceramic Composites for LTCC Applications. International Journal of Applied Ceramic Technology, 2011, 8, 172-179.	2.1	36
81	Studies on the effect of mobile phone radiation on DNA using laser induced fluorescence technique. Laser Physics, 2011, 21, 1945-1949.	1.2	7
82	Effect of silane coupling agent on the dielectric and thermal properties of DGEBA-forsterite composites. Journal of Polymer Research, 2011, 18, 811-819.	2.4	12
83	Design of a circularly polarized rectangular microstrip antenna for GPS applications. Microwave and Optical Technology Letters, 2011, 53, 468-470.	1.4	7
84	CPW-fed slot planar antenna for wireless applications. Microwave and Optical Technology Letters, 2011, 53, 2501-2504.	1.4	2
85	Compact semicircular directive dipole antenna for UWB applications. Electronics Letters, 2011, 47, 1260.	1.0	10
86	PTFE-SWNT composite for microwave absorption application. Materials Letters, 2010, 64, 743-745.	2.6	4
87	Nickel/carbon hybrid nanostructures as microwave absorbers. Materials Letters, 2010, 64, 1130-1132.	2.6	37
88	A compact pentagonal monopole antenna for portable UWB systems. Microwave and Optical Technology Letters, 2010, 52, 2390-2393.	1.4	6
89	Design of compact microstrip antennas using a modified ground plane. Microwave and Optical Technology Letters, 2010, 52, 2748-2753.	1.4	0
90	Dielectric, thermal, and mechanical properties of CeO <sub>2</sub> -filled HDPE composites for microwave substrate applications. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 998-1008.	2.1	45

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91	Influence of Ca[(Li <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.8</sub> Ti <sub>0.2</sub> ]O <sub>3</sub> filler on the microwave dielectric properties of polyethylene and polystyrene for microelectronic applications. Polymer Engineering and Science, 2010, 50, 570-576.	3.1	21
92	MOBILE ANTENNA WITH REDUCED RADIATION HAZARDS TOWARDS HUMAN HEAD. Progress in Electromagnetics Research Letters, 2010, 17, 39-46.	0.7	8
93	COMPACT BANDPASS FILTER USING FOLDED LOOP RESONATOR WITH HARMONIC SUPPRESSION. Progress in Electromagnetics Research Letters, 2010, 14, 69-78.	0.7	3
94	A BROADBAND MICROSTRIP ANTENNA FOR IEEE802.11.A/ WIMAX/HIPERLAN2 APPLICATIONS. Progress in Electromagnetics Research Letters, 2010, 19, 155-161.	0.7	17
95	Compact CPW-fed ground defected H-shaped slot antenna with harmonic suppression and stable radiation characteristics. Electronics Letters, 2010, 46, 812.	1.0	25
96	A flexible microwave absorber based on nickel ferrite nanocomposite. Journal of Alloys and Compounds, 2010, 489, 297-303.	5.5	129
97	Effect of coupling agent on the thermal and dielectric properties of PTFE/Sm <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> composites. Composites Part A: Applied Science and Manufacturing, 2010, 41, 1148-1155.	7.6	52
98	Dielectric response of Sr <sub>2</sub> Ce <sub>2</sub> Ti <sub>5</sub> O <sub>15</sub> ceramics reinforced high density polyethylene. Journal Physics D: Applied Physics, 2009, 42, 225501.	2.8	14
99	Slot line FED dipole antenna for wide band applications. Microwave and Optical Technology Letters, 2009, 51, 826-830.	1.4	9
100	A compact dual-band modified T-shaped CPW-fed monopole antenna. Microwave and Optical Technology Letters, 2009, 51, 937-939.	1.4	21
101	Design of a microstrip fed step slot antenna for UWB communication. Microwave and Optical Technology Letters, 2009, 51, 1126-1129.	1.4	43
102	Compact asymmetric coplanar strip-fed antenna for wideband applications. Microwave and Optical Technology Letters, 2009, 51, 1170-1172.	1.4	2
103	Ultra-wideband slot antenna with band-notch characteristics for wireless USB dongle applications. Microwave and Optical Technology Letters, 2009, 51, 1500-1504.	1.4	7
104	ACS fed printed F-shaped uniplanar antenna for dual band WLAN applications. Microwave and Optical Technology Letters, 2009, 51, 1852-1856.	1.4	54
105	Effect of nickel nanofillers on the dielectric and magnetic properties of composites based on rubber in the X-band. Applied Physics A: Materials Science and Processing, 2009, 97, 157-165.	2.3	9
106	Polystyrene/Sr <sub>2</sub> Ce <sub>2</sub> Ti <sub>5</sub> O <sub>15</sub> composites with low dielectric loss for microwave substrate applications. Polymer Engineering and Science, 2009, 49, 1218-1224.	3.1	38
107	Low-temperature Sintering and Microwave Dielectric Properties of Li <sub>2</sub> MgSiO <sub>4</sub> Ceramics. Journal of the American Ceramic Society, 2009, 92, 1244-1249.	3.8	113
108	Tape Casting and Dielectric Properties of Zn <sub>2</sub> Te <sub>3</sub> O <sub>8</sub> -Based Ceramics with an Ultra-low Sintering Temperature. International Journal of Applied Ceramic Technology, 2009, 6, 531-536.	2.1	25

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109	Preparation, characterization and properties of Sm <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> loaded polymer composites for microelectronic applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 163, 67-75.	3.5	67
110	Wideband Printed Microstrip Antenna for Wireless Communications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009, 8, 779-781.	4.0	40
111	Compact wideband Koch fractal printed slot antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2009, 3, 782.	1.4	70
112	Microstrip band rejection filter using open loop resonator. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 1550-1551.	1.4	7
113	An electromagnetically coupled dual-band dual-polarized microstrip antenna for WLAN applications. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 1867-1870.	1.4	3
114	Compact dual frequency dual polarized cross patch antenna with an X-slot. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 3198-3201.	1.4	2
115	Low Dielectric Loss PTFE/CeO <sub>2</sub> Ceramic Composites for Microwave Substrate Applications. <i>International Journal of Applied Ceramic Technology</i> , 2008, 5, 325-333.	2.1	89
116	Effect of Filler Content on the Dielectric Properties of PTFE/ZnAl <sub>2</sub> O <sub>4</sub> •TiO <sub>2</sub> Composites. <i>Journal of the American Ceramic Society</i> , 2008, 91, 1971-1975.	3.8	47
117	A Compact Dual-Band Planar Antenna for DCS-1900/PCS/PHS, WCDMA/IMT-2000, and WLAN Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008, 7, 108-111.	4.0	47
118	Ultra-wideband slot antenna for wireless USB dongle applications. <i>Electronics Letters</i> , 2008, 44, 1057.	1.0	26
119	Forsterite-based ceramic-glass composites for substrate applications in microwave and millimeter wave communications. <i>Journal of Alloys and Compounds</i> , 2008, 461, 555-559.	5.5	97
120	CPW-Fed Koch Fractal Slot Antenna for WLAN/WiMAX Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008, 7, 389-392.	4.0	112
121	A Quasi-Omnidirectional Antenna for Modern Wireless Communication Gadgets. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008, 7, 505-508.	4.0	17
122	COMPACT DUAL BAND SLOT LOADED CIRCULAR MICROSTRIP ANTENNA WITH A SUPERSTRATE. <i>Progress in Electromagnetics Research</i> , 2008, 83, 245-255.	4.4	59
123	Compact uniplanar antenna for WLAN applications. <i>Electronics Letters</i> , 2007, 43, 70.	1.0	33
124	Planar branched monopole antenna for UWB applications. <i>Microwave and Optical Technology Letters</i> , 2007, 49, 45-47.	1.4	11
125	PTFE/Sr <sub>2</sub> Ce <sub>2</sub> Ti <sub>5</sub> O <sub>16</sub> polymer ceramic composites for electronic packaging applications. <i>Journal of the European Ceramic Society</i> , 2007, 27, 3039-3044.	5.7	67
126	FDTD analysis of rectangular dielectric resonator antenna. <i>Journal of the European Ceramic Society</i> , 2007, 27, 2753-2757.	5.7	7

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127	A compact hybrid CPW fed planar monopole/dielectric resonator antenna. Journal of the European Ceramic Society, 2007, 27, 3001-3004.	5.7	17
128	Low Dielectric Loss Polytetrafluoroethylene/TeO <sub>2</sub> Polymer Ceramic Composites. Journal of the American Ceramic Society, 2007, 90, 3507-3511.	3.8	81
129	A compact dual band planar branched monopole antenna for DCS/2.4-GHz WLAN applications. IEEE Microwave and Wireless Components Letters, 2006, 16, 275-277.	3.2	43
130	Microwave dielectric properties of Ba(Mg <sub>1/3</sub> Ta(2x)/ <sub>3</sub> Wx/ <sub>3</sub> Tix/ <sub>3</sub> )O <sub>3</sub> ceramics. Materials Research Bulletin, 2006, 41, 784-790.	5.2	5
131	Broadband elliptical dielectric resonator antenna. Microwave and Optical Technology Letters, 2006, 48, 65-67.	1.4	15
132	Circular microstrip antenna with a sector-slot for dual-port operation. Microwave and Optical Technology Letters, 2006, 48, 505-508.	1.4	1
133	Compact dual-band antenna for DCS/2.4 GHz WLAN applications. Microwave and Optical Technology Letters, 2006, 48, 856-859.	1.4	7
134	A wideband printed monopole antenna for 2.4-GHz WLAN applications. Microwave and Optical Technology Letters, 2006, 48, 871-873.	1.4	53
135	SRR loaded waveguide band rejection filter with adjustable bandwidth. Microwave and Optical Technology Letters, 2006, 48, 1427-1429.	1.4	25
136	Reactive loaded microstrip leaky wave antenna for low cost beam steering applications. Microwave and Optical Technology Letters, 2006, 48, 2299-2301.	1.4	1
137	Wide band dumbbell-shaped patch antenna. Microwave and Optical Technology Letters, 2006, 48, 2295-2296.	1.4	0
138	Transmission properties of microstrip lines loaded with split ring resonators as superstrate. Microwave and Optical Technology Letters, 2006, 48, 2280-2282.	1.4	3
139	Compact dual-polarised square microstrip antenna with triangular slots for wireless communication. Electronics Letters, 2006, 42, 894.	1.0	9
140	Wideband microstrip antenna using hook-shaped feed. Microwave and Optical Technology Letters, 2005, 44, 169-171.	1.4	3
141	A reconfigurable dual-frequency slot-loaded microstrip antenna controlled by pin diodes. Microwave and Optical Technology Letters, 2005, 44, 374-376.	1.4	33
142	Rectangular dielectric resonator antenna on a conductor-backed co-planar waveguide. Microwave and Optical Technology Letters, 2005, 45, 154-156.	1.4	4
143	A novel electronically scannable log-periodic leaky-wave antenna. Microwave and Optical Technology Letters, 2005, 45, 163-165.	1.4	11
144	L-strip-fed wideband rectangular dielectric resonator antenna. Microwave and Optical Technology Letters, 2005, 45, 227-228.	1.4	5

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145	Development of a varactor-controlled dual-frequency reconfigurable microstrip antenna. Microwave and Optical Technology Letters, 2005, 46, 375-377.	1.4	11
146	Design and analysis of microstrip lines with EBG-backed ground planes of different geometrical shapes. Microwave and Optical Technology Letters, 2005, 46, 544-546.	1.4	6
147	T-strip-fed high-permittivity rectangular dielectric resonator antenna for broadband applications. Microwave and Optical Technology Letters, 2005, 47, 226-228.	1.4	13
148	(1-x)MgAl <sub>2</sub> O <sub>4</sub> -xTiO <sub>2</sub> dielectrics for microwave and millimeter wave applications. Applied Physics A: Materials Science and Processing, 2005, 81, 823-826.	2.3	175
149	Compact planar multiband antenna for GPS, DCS, 2.4~5.8GHz WLAN applications. Electronics Letters, 2005, 41, 290.	1.0	53
150	Experimental investigations and three-dimensional transmission line matrix simulation of Ca <sub>5</sub> A <sub>x</sub> B <sub>2</sub> TiO <sub>12</sub> (A=Mg, Zn, Ni, and Co; B=Nb and Ta) ceramic resonators. Journal of Applied Physics, 2005, 98, 124105.	2.5	32
151	Low-loss Ca <sub>5</sub> Sr <sub>x</sub> A <sub>2</sub> TiO <sub>12</sub> [A=Nb, Ta] ceramics: Microwave dielectric properties and vibrational spectroscopic analysis. Journal of Applied Physics, 2005, 97, 104108.	2.5	31
152	Effect of Nonstoichiometry on the Structure and Microwave Dielectric Properties of Ba(Mg <sub>0.33</sub> Ta <sub>0.67</sub> )O <sub>3</sub> . Chemistry of Materials, 2005, 17, 142-151.	6.7	113
153	Effect of Doping on the Dielectric Properties of Cerium Oxide in the Microwave and Far-Infrared Frequency Range. Journal of the American Ceramic Society, 2004, 87, 1233-1237.	3.8	116
154	Microwave dielectric properties of BaO <sub>2</sub> CeO <sub>2</sub> nTiO <sub>2</sub> ceramics. Journal of Solid State Chemistry, 2004, 177, 3995-4000.	2.9	20
155	Preparation, characterization and microwave dielectric properties of Ba(B <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> [B = La, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Y, Yb and In] ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 107, 264-270.	3.5	67
156	Low backscattered dual-polarised metallo-dielectric structure based on Sierpinski carpet. Microwave and Optical Technology Letters, 2004, 40, 246-248.	1.4	7
157	Compact amplifier integrated microstrip antenna. Microwave and Optical Technology Letters, 2004, 40, 296-298.	1.4	3
158	Characteristics of a microstrip-excited high-permittivity rectangular dielectric resonator antenna. Microwave and Optical Technology Letters, 2004, 40, 316-318.	1.4	12
159	L-strip excited wideband rectangular microstrip antenna. Microwave and Optical Technology Letters, 2004, 42, 173-175.	1.4	3
160	Wideband cylindrical dielectric resonator antenna excited using an L-strip feed. Microwave and Optical Technology Letters, 2004, 42, 293-294.	1.4	13
161	A compact very-high-permittivity dielectric-eye resonator antenna for multiband wireless applications. Microwave and Optical Technology Letters, 2004, 43, 118-121.	1.4	12
162	FDTD analysis of a symmetric T-strip fed wideband rectangular microstrip antenna. Microwave and Optical Technology Letters, 2004, 43, 332-334.	1.4	0

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